

STANDARD INFORMATION

Standard: ANSI/CAN/UL/ULC 2200

Standard ID:

Stationary Engine Generator Assemblies [ANSI/CAN/UL/ULC 2200:2020 Ed.3+R:05Sep2025]

Previous Standard ID:

Stationary Engine Generator Assemblies [ANSI/CAN/UL/ULC 2200:2020 Ed.3+R:27Aug2025]

Stationary Engine Generator Assemblies [ANSI/CAN/UL/ULC 2200:2020 Ed.3+R:23Sep2022]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **September 5, 2027**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

This standard Contains Functional Safety requirements.

All products must be certified to the September 5, 2025, revision prior to the effective date.

Overview of Changes:

August 27, 2025:

- Additional requirements for fuel tanks
- Change location and pressure rating requirement for automatic shutoff valve in LP fuel system
- Change backflow requirement for an automatic shutoff valve in LP fuel system
- Output Overload Test method
- Exclusive use of ISO-formatted markings

September 5, 2025:

- Correct paragraph 52.6.8 by removing the following text which was erroneously included: "This device shall permit the back flow of fuel from the vaporizer in the event of a pressure build-up in the vaporizer."

Specific details of new/revised requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <u>lined out</u> below.</i>		
4	Info	New clause added:
4.34A	Info	GENERATOR – A rotating electrical machine that transforms mechanical energy to electrical energy.
		New clause added:
4.35		GENERATOR ASSEMBLY – An assembly, consisting of a prime mover, generator, related controls, and any other components covered by this standard when provided. Sometimes referred to as generating set or genset.
48	Info	Liquid Fuel Systems
48.2	Info	Tanks and fuel pumps
48.2.1		Fuel tanks provided as <u>an integral</u> part of the engine generator assembly shall be constructed in accordance with NFPA 37, Chapter 6, UL 142A <u>UL 142</u> , or ULC 601. <u>If the generator or other accessories are structurally mounted on the tank top, the tanks shall be constructed in accordance with UL 142A or ULC 601 “Generator Base” type tanks with load rating and attachment points suitable for the generator or other accessories. Tanks requiring a 2-hour fire protection rating shall additionally comply with UL 2085 or ULC 655.</u>
52	Info	Liquefied Petroleum Gas
52.6	Info	LP Safety control and relief devices
52.6.8		An automatic shutoff valve shall be provided in the fuel system <u>at some point ahead of the inlet of the first-stage regulator, upstream of all integral fuel control components, such as vaporizers and regulators</u> designed to prevent flow of fuel when the ignition is off and the engine not running or when the engine stops. The device shall be of a type designed for use with LP-Gas at a working pressure of not less than <u>1.72 MPa (250 psig)</u> <u>the following:</u>
		<u>a) The operating pressure of that portion of the fuel system; or</u>
		<u>b) 1.72 MPa (250 psig) when subject to container pressure.</u>



CLAUSE	VERDICT	COMMENT
<i>New clause added;</i>		
Fuel systems with an integral vaporizer shall include either of the following:		
52.6.8A		<p>a) The automatic shutoff valve shall permit the back flow of fuel from the vaporizer in the event of a pressure build-up in the vaporizer.</p> <p>b) A pressure relief valve shall be installed on the vaporizer. The relief valve shall be set to discharge at not higher than the lowest pressure rating of the components in that portion of the fuel system. The valve discharge shall be vented to outside air.</p>
71	Info	Abnormal Tests
71.3	Info	Output overload test
71.3.1		<p><u>When tested as described in 71.3.2, generator winding temperatures shall not exceed the temperature limits in Table 58.2. This test is to be conducted after thermal stabilization is reached during the mode of operation <u>at the maximum rated output.</u></u></p> <p><u>The adjustable resistive load is to be increased to result in subjecting the generator to the maximum obtainable output power without causing operation of overcurrent protective devices.</u> The ac load is to be increased in increments of 101 to 10 percent of the maximum output rating and held for ½ hour at each increment until:</p>
71.3.2		<p>a) Further change as a result of the test condition does not occur; or</p> <p>b) The unit shuts down.</p>
<p>Thermal stabilization is determined by constant temperatures as in the normal temperature test. The maximum overload magnitude and time duration are to be recorded.</p>		
96	Info	Instruction Manual
<i>New clause added;</i>		
96.8		Instruction Manual shall include an image and description of all safety markings affixed to the product.